WHAT IS CLAIMED IS:

1. An image display apparatus, comprising:

first function processing means for processing a first function being continuously set into an on state;

second function processing means for processing a second function being set into an on state in case of necessity;

first writing means for writing first image data relating to said first function to a first memory;

second writing means for writing second image data relating to said first function into a second memory;

third writing means for writing second image data relating to said second function into said second memory;

display means for displaying a composite image on a display on the basis of the first image data stored in said first memory and the second image data stored in said second memory; and

validating means for selectively validating said second writing means or said third writing means in response to turning on / off the second function.

2. An image display apparatus according to claim 1, wherein said first image data is image data in which each dot has a first number of bits, and said second image data is image data in which each dot has a second number of bits more than said first number of bits.

3. An image display apparatus according to claim 1, wherein said first function is a phone function, said second function is a game function, said first image data includes at least character data indicative of a receiving state, said second image data written by said second writing means includes predetermined image data, and said second image

data written by said third writing means includes game image data.

4. An image display apparatus according to claim 3, wherein said first function processing means includes detecting means for detecting an incoming call, said first writing means includes incoming call message writing means for writing said first image data indicative of an incoming call message to said first memory when said incoming call is detected, and said display means includes tone modifying means for modifying a tone of said second image data when said incoming call is detected.

5. An image display apparatus according to claim 1, wherein said display means includes fetching means for fetching compositing position information indicative of a compositing position of said second image data and compositing means for generating composite image data on the basis of said compositing position information, said first image data and said second image data.

6. An image display apparatus according to claim 5, wherein said first image data is binary image data in which each dot is formed by one bit, said second image data is color image data in which each dot is formed by a plurality of number of bits, and said compositing means includes first single color data fetching means for fetching first single color data in correspondence to a first predetermined bit value of said binary image data, second single color data fetching means for fetching second single color data in correspondence to a second predetermined bit value of said binary image data, first selecting means for selecting any one of said first single color data and said color image data according to said compositing position information, identifying means for identifying a bit value of said binary image data every one dot, and second selecting means for selecting any one of an output of said first selecting means and said second single color data in accordance with an identification result of said identifying means.

7. An image display apparatus according to claim 1, wherein said display means

includes readout start position information fetching means for fetching readout start position information of said second image data, and readout means for reading out said second image data from said second memory according to said readout start position information.

8. An image display apparatus according to claim 1, wherein said display means displays an image based on said first image data by priority.

9. A display control method executed by an image display apparatus provided with a first function being continuously set into an on state and a second function being set into an off state in case of necessity, comprising steps of:

(a) writing first image data relating to said first function to a first memory;

(b) writing second image data relating to said first function to a second memory when said second function is in an off state;

(c) writing second image data relating to said second function to said second memory when said second function is in an on state; and

(d) displaying a composite image on a display on the basis of said first image data stored in said first memory and said second image data stored in said second memory.

10. A display control program executed by an image display apparatus provided with a first function being continuously set into an on state and a second function being set into an off state in case of necessity, comprising steps of:

(a) writing first image data relating to said first function to a first memory;

(b) writing second image data relating to said first function to a second memory when said second function is in an off state;

(c) writing second image data relating to said second function to said second memory when said second function is in an on state; and

(d) displaying a composite image on a display on the basis of said first image data

stored in said first memory and said second image data stored in said second memory.

11. A storage medium storing a display control program executed by an image display apparatus provided with a first function being continuously set into an on state and a second function being set into an off state in case of necessity, the display control program, comprising steps of:

(a) writing first image data relating to said first function to a first memory;

(b) writing second image data relating to said first function to a second memory when said second function is in an off state;

(c) writing second image data relating to said second function to said second memory when said second function is in an on state; and

(d) displaying a composite image on a display on the basis of said first image data stored in said first memory and said second image data stored in said second memory.